

City of Lafayette Exemption From Detention Requirements:

The following excerpt from the drainage ordinance does not apply to permits for electric, interior remodel, sign or wrecking activities since those activities result in little or no increase in storm water runoff.

iii. Exemptions From Detention Requirements

Detention will not be required for the following (a-d):

- a. Land alterations where the primary basis on which a stormwater drainage permit is required is the construction, enlargement, or location (on a permanent foundation) of a one-family dwelling, two-family dwelling, or accessory structure appurtenant to either a one or two-family dwelling.**
- b. Approved fill areas or one-time addition to existing commercial buildings that do not increase the amount of impervious area on-site by more than a total of 0.5 acres, provided the existing runoff patterns and flow capacity of the property will not be altered by the filling operations.**
- c. Notwithstanding the provisions of Section ii (Downstream Restrictions*), those site developments where the stormwater management system has been designed such that:**
 - 1. after combining flows from both the off-site and on-site drainage areas, there will be no increase in the total peak discharge from the developing site during the 2-, 10- or 100- year storm events; and**
 - 2. the volume of runoff for each project site outlet has not been increased for the entire range of storm events, up to the 100-year storm event; and**
 - 3. the flow width and velocity at the property boundary line for each sub-basin is less than or equal to that flow width and velocity which existed prior to the development (for the entire range of storm events up to the 100-year storm event.)**
- d. Where the direct release of runoff from the proposed development meets conditions set forth in section iv (Direct Release Provision).**

ii. Downstream restrictions*

In the event the downstream receiving channel or storm sewer system is inadequate to accommodate the post-developed release rate provided above, then the allowable release rate shall be reduced to that rate permitted by the capacity of the receiving downstream channel or storm sewer system. Additional detention, as determined by the City of

Lafayette, shall be required to store that portion of the runoff exceeding the capacity of the receiving sewers or waterways.

If the proposed development makes up only a portion of the undeveloped watershed upstream of the limiting restriction, then allowable release rate for the development shall be in direct proportion to the ratio of its drainage area to the drainage area of the entire watershed upstream of the restriction.

In accordance with Section 8.08.670, the allowable release rates may be further reduced by the City of Lafayette if on-site or off-site conditions warrant the reduction.

In order to qualify for exemption (c) above, the following information is required for both the existing and the proposed conditions:

- A) The site plan should also show the drainage basin boundaries on and around the site, indicating parcel drainage and drainage direction. The plan should also clearly indicate if storm water flows along other property (s) before it arrives at a street, storm sewer or water channel.
- B) The site plan should show the areas of the various surfaces existing within the parcel boundaries with curve numbers. This must include all roofs, concrete, asphalt, stone, and up to 3 kinds of grass areas:
 - a) Where slopes are less than 2%
 - b) Where slopes are more than 7%
 - c) Where slopes are between 2%-7%.The soil under each of the grass areas should be stated as generally either sandy or clayey.
- C) A summary of existing conditions showing the total area of each type of surface, for each drainage basin, in square feet or to the nearest 0.01 acre is required. The total of all the areas must add up to the total area of the parcel, as described on the deed.

From this information the runoff coefficients, total runoff and peak discharge for a 2, 10, and 100 year storm can be calculated for existing and proposed conditions. If the proposed total runoff and peak volume does not increase and the proposed flow width and velocity at the property boundary line is less than what currently exists, then the owner may request exemption from the detention requirements of the Drainage Ordinance in written form (page 3). Professionally prepared information is desirable, facilitating a more efficient review process.

If the proposed runoff, peak volume or property boundary flow width and velocity does increase, a drainage report and stormwater plan will need to be “provided by an Indiana licensed professional engineer or land surveyor engage in storm drainage design” in accordance with Section 7 of the Drainage Ordinance.

Copies of the Drainage Ordinance are available from the City Clerk’s Office or may be downloaded from the City of Lafayette’s website,
www.lafayette.in.gov/business/engineering/Standards_Schedules_.

Questions about the drainage requirements should be directed to the City Engineers Office at 765-807-1036.

City of Lafayette
Engineering Department
20 North 6th Street
Lafayette, Indiana 47901-1412

Dear Jenny Bonner,

I request exemption from the detention requirements of the Lafayette Storm Drainage and Sediment Control Ordinance for the address shown:

Address of site: _____

Proposed Project: _____

Basis for exemption request (select section iii, a-d or other) and explanation:

Property Owners Printed Name

One Owner's Signature

Owners Mailing Address

Telephone Number

Approved: _____

Disapproved: _____

Approved with Conditions:

BP#: _____

_____/____/____
Engineer's Office Approval